Claims:

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An apparatus for generating foam for foam bathing,
 comprising:

a foam generation device for generating initial foam by jetting air into a foaming agent solution; and

a foam fining device for fining the initial foam to produce the foam for foam bathing,

wherein the foam generation device comprises:

a foaming chamber storing the foaming agent solution on a bottom wall thereof; and

a foaming tool provided within the foaming chamber, for jetting air from an opening to the bottom wall of the foaming chamber, wherein the opening is provided at an end of the foaming tool and faces the bottom wall, wherein the opening is covered with a net having an opening ratio between 27.7% and 49.5% and a number of air-jet openings per unit area between 9690/cm² and 24800/cm².

2. An apparatus for generating foam for foam bathing, comprising:

a foam generation device for generating initial foam

20 by jetting air into a foaming agent solution; and

a foam fining device for fining the initial foam to produce the foam for foam bathing,

wherein the foam generation device comprises:

a foaming chamber storing the foaming agent solution on a bottom wall thereof; and

a foaming tool provided within the foaming chamber, for jetting air from an opening to the bottom wall of the foaming chamber, wherein the opening is provided at an end of the foaming tool and faces the bottom wall, wherein the opening is covered with a net having a mesh number between 250 mesh and 400 mesh.

3. A foam bath system comprising:

- a foam generation device for generating initial foam

 10 by jetting air into a foaming agent solution;
 - a foam fining device for fining the initial foam to produce finer foam; and
 - a foam container for containing the finer foam for foam bathing,
- predetermined number of nets through which the initial foam is fined into the finer foam, the nets having a mesh number between 120 mesh and 250 mesh, wherein the nets are placed at intervals of a distance 30-100 times as long as a mesh size of the nets, wherein the predetermined number of the nets is one selected from 3 to 10.
 - 4. The apparatus according to claim 1, wherein the net is shaped like a plane in parallel with the bottom wall of the foaming chamber.

- 5. The apparatus according to claim 1, wherein a ratio of an area of the bottom wall of the foaming chamber to an area of the opening of the foaming tool is set between 122 and 219.
- 6. The apparatus according to claim 1, wherein a ratio of an area of the bottom wall of the foaming chamber to an area of the opening of the foaming tool is set between 5 and 122.
 - 7. The apparatus according to claim 1, wherein the foaming tool is shaped like a pipe extending perpendicular to the bottom wall of the foaming chamber with squarely facing the bottom wall.

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- 8. The apparatus according to claim 1, wherein the foaming chamber has a foam outlet opening which is elongated in a longitudinal direction along a side of a bathtub, wherein a plurality of foaming tools are arranged at predetermined intervals along the longitudinal direction of the foam outlet opening.
- 9. The apparatus according to claim 1, wherein a distance between the opening of the foaming tool and the bottom wall of the foaming chamber is set between 0.1mm and 1mm.
- 20 10. The apparatus according to claim 1, wherein a height

of the foaming agent solution from the bottom wall of the foaming chamber is set between 1mm and 50mm.

- 11. The apparatus according to claim 1, wherein the foaming chamber has a foam outlet opening which is placed at a position higher than a liquid surface of the foaming agent solution by 20-300mm.
- 12. The apparatus according to claim 1, further comprising a temperature raising reservoir for storing an amount of foaming agent solution required for at least one time, wherein the temperature raising reservoir comprises a heating device for adjusting a temperature of the foaming agent solution stored in the temperature raising reservoir, wherein the foaming agent solution is supplied from the temperature raising reservoir to the foam generation device.

- 13. The apparatus according to claim 12, wherein air is supplied to the temperature raising reservoir to increase an inside pressure of the temperature raising reservoir and adjust inside pressures of the foaming chamber and the foam fining device, allowing easy flow of the foaming agent solution from the temperature raising reservoir to the foam generation device.
 - 14. The foam bath system according to claim 3, wherein the predetermined number of the nets is one selected from 4 and

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- 15. The foam bath system according to claim 3, wherein the nets are placed at intervals of a distance 50-70 times as long as the mesh size of the nets.
- 5 16. The foam bath system according to claim 3, wherein the nets have a mesh number between 150 mesh and 200 mesh.
 - 17. The foam bath system according to claim 3, wherein the foam generation device comprises:
- a foaming chamber storing the foaming agent solution on a bottom wall thereof; and
 - a foaming tool provided within the foaming chamber, for jetting air from an opening to the bottom wall of the foaming chamber, wherein the opening is provided at an end of the foaming tool and faces the bottom wall, wherein the opening is covered with a net having a mesh number between 100 mesh and 400 mesh.
 - 18. The foam bath system according to claim 3, wherein the foam container is a transformable-type foam container.
- 19. The foam bath system according to claim 3, wherein the transformable-type foam container is shaped like a bag 20 allowing a body to be contained therein.

20. The foam bath system according to claim 3, wherein the foam container is a bathtub, wherein the foam fining device has a foam outlet opening through which the finer foam is supplied to the bathtub, wherein the foam outlet opening is elongated in a longitudinal direction of the bathtub and provided at a position near a bottom wall of the bathtub in each side wall of the bathtub, wherein the foam generation device and the foam fining device are attached to the bathtub.

- 21. The foam bath system according to claim 3, wherein a volume ratio of water content in the finer foam to gas in bubbles of the finer foam at 40 $^{\circ}$ C is between 1:50 and 1:200.
 - 22. The foam bath system according to claim 3, wherein an average diameter of bubbles of the finer foam is between 0.2mm and 2mm.
- 15 23. The foam bath system according to claim 3, wherein a foam generating agent of the foaming agent solution is liquid soap, wherein a weight ratio of the liquid soap to water is between 3:97 and 10:90.
- 24. The foam bath system according to claim 3, wherein the form generation device comprises at least one of a nozzle, an orifice, and a air-scattering plate.

25. The foam bath system according to claim 3, wherein a pressure on a first layer of the nets in operation is set bet ween 2.2kPa and 2.7kPa.